



**NORTHAMPTON, BUCKS COUNTY, MUNICIPAL AUTHORITY**

**April 30, 1993**

**Mr. Orlando J. Monaco  
Remedial Project Manager  
DEPARTMENT OF THE NAVY  
NORTHERN DIVISION  
NAVAL FACILITIES ENGINEERING COMMAND  
10 Industrial Highway - Mailstop No. 82  
Lester, PA 19113-2090**

**SUBJECT: NAWC WARMINSTER - TECHNICAL REVIEW COMMITTEE**

**D ar Mr. Monaco:**

As you are well aware, at the last Technical Review Committee, held on Tuesday, April 20, 1993, I was quite upset by the lack of continuity between your Consultants in specific regard to ignoring of this Authority's Municipal Well on Polinski Road. I have just finished reviewing the Phase 2 Remedial Investigation Report, Volume 1 and The Focus Feasibility Study Report for Operable Unit 1. I must confess that after reading these reports, I did not find anything to give me any confidence in them.

In the Remedial Investigation Report, Page ES-3 the Stockton Formation is described. This is important because our well, which is No. 12 in our System, is in the middle member of the Stockton Formation. Our Well 12 was drilled to 425 foot depth and had been permitted by DRBC at 300 gallons per minute. Obviously we have a direct link to NAWC problems.

On Page ES-17 under Offsite Groundwater Use there is much discussion about the "Immediate Vicinity of NAWC Warminster (less than one mile) from our supply wells." And then it goes on to mention everybody except Northampton Municipal Authority. Our Well No. 12 is probably just a fraction more than a quarter of a mile from NAWC. It should also be noted that there are several residential wells within the quarter mile limit that do not show up on your Plan. These wells were identified to

Mr. Orlando J. Monaco  
April 30, 1993  
Page 2

NAWC by my letter of May 11, 1989 to Mr. Michael Hunter. A copy is attached for your review, and you will note that we not only showed the wells on the map, but we gave names and addresses of residential wells. You will also note my letter to Mr. Hunter of April 19, 1989 (copy attached) showing the location of our well No. 12, which at that time, was a test well. Finally, a copy of my letter to Commander Washnock on October 26, 1989 again points out the location of the Authority well. In spite of all of this, we are completely ignored in your most recent report.

On Page 1-7 of the Phase 2 Report, there is a statement showing that "any hazardous substances releases from eight sites identified to date and from other identified sites at NAWC, Warminster potentially affect the Stockton Formation Aquifer which provides water for more than 100,000 within the vicinity of the facility." In spite of this statement in your own report nothing is being done for the deep wells at this time. You are concentrating only on the shallow wells, which have a very minimal number of people affected. This logic is totally beyond my comprehension.

On Page 2-2 is a listing of local well inventories. Northampton Municipal Authority is identified in the list, but that is the only mention. Its' wells are not shown nor are the local wells that we identified previously.

On Page 2-7 Fracture Trace Analysis is discussed and it is important to note their statement "these Fracture Trace features are important because they may act as conduits for ground water flow". Here again, your Consultant is notifying you that contamination is possible, we have established that we are in the same aquifer (the middle arkosic zone of the Stockton Formation) and yet nothing is being done at this time about deep water wells and particularly no one is even noticing the Northampton Well.

On Page 3-14 giving the local well inventory, Northampton is completely ignored. References made to Municipal water supply wells being within .25 miles of the base or near that limit. The Northampton well No. 12 is ignored.

On Page 6-7 Groundwater Targets are discussed, and here again Northampton is not even mentioned.


Discussion of the Municipal and Commercial wells near the base is continued on Page 6-8 with the same exclusion for Northampton.

In conclusion, I can only say, this report is seriously flawed, and in fact, it appears to be a great waste of money. As a retired Civil Engineer Corps Officer, I had

Mr. Orlando J. Monaco  
April 30, 1983  
Page 3

always believed that the Navy was a cut above all the rest, due to the pride and professionalism we maintained. The handling of this matter is giving me grave doubts.

Very truly yours,



Richard E. Lander, P.E.  
**EXECUTIVE DIRECTOR**

/lc

cc: Joseph Butch, Warminster Township Authority  
Henry Cole, Upper Southampton Authority  
Albert Wills, Bucks County Board of Health  
file